

Form PTO-1449 (SNL-Modified) (2-91)  
List of Patents and Publications  
for Applicant's  
Information Disclosure Statement

**Atty Docket No: SD-8479**  
**Serial Number: not assigned**

Applicant: **Nilson, et al.**

(use several sheets if necessary)

GROUP: FILING DATE: 10/09/03

### REFERENCE DESIGNATION

Ex'r Init		U.S. Patent Documents				Sub	
		Document No.	Date	Name		Class	Filing Date (when applicable)

AA  
AB

Ex'r Init		Foreign Patent Documents				Sub		Translation?	
		Document No.	Date	Name		Class	Class	Yes	No

BA  
BB

### OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- |CA Catton, I. and Stroes, G. R., 2002, "A Semi-Analytical Model to Predict the Capillary Limit of Heated Inclined Triangular Capillary Grooves," ASME Journal of Heat Transfer, 124, pp. 162-168 |
- |CB Sivaraman, A., De, S. and Dasgupta, S., 2002, "Experimental and Theoretical Study of Axial Dryout Point for Evaporation from V-Shaped Microgrooves," Intl. J. Heat Mass Transf., 45, pp. 1535-1543 |
- |CC Peles, Y. P. and Haber, S., 2000, "A Steady One Dimensional Model for Boiling Two Phase Flow in a Triangular Microchannel," Intl. J. Multiphase Flow, 26, pp. 1095-1115. |
- |CD Wayner, P. C., 1999, "Intermolecular Forces in Phase-Change Heat Transfer: 1998 Kern Award Review," AIChE Journal, 45(10), pp. 2055-2068 |
- |CE Ehrfeld, W. and Schmidt, A., 1998, "Recent Developments in Deep X-Ray Lithography," J. Vac. Sci. Technol. B 16(6), pp. 3526-3534 |
- |CF Stroes, G. R. and Catton, I., 1997, "An Experimental Study of the Capillary Performance of Triangular Versus Sinusoidal Channels," ASME Journal of Heat Transfer, 119, pp. 851-853 |
- |CG Ha, J. M. and Peterson, G. P., 1996, "The Interline Heat Transfer of Evaporating Thin Films Along a Micro Grooved Surface," ASME Journal of Heat Transfer, 118, pp. 747-755 |
- |CH Faghri, A, 1995, Heat Pipe Science and Technology, Taylor and Francis Publishers, New York, NY |
- |CI Stroes, G. R., Rohloff, T. J. and Catton, I., 1992, "An Experimental Study of the Capillary Forces in Rectangular vs. Triangular Channels," Proceedings of the 28<sup>th</sup> National Heat Transfer Conference, August 9-12, San Diego, HTD-Vol. 200, pp.1-7 |

Examiner:

Date Considered:

EXPRESS MAIL LABEL NO. EL177882137

Form PTO-1449 (SNL-Modified) (2-91)  
List of Patents and Publications  
for Applicant's  
Information Disclosure Statement

Atty Docket No: SD-847  
Serial Number: not assigned

Applicant: Nilson, et al.

(use several sheets if necessary)

GROUP: FILING DATE: 10/03/03

REFERENCE DESIGNATION

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- |CJ ✓ Stephan, P. C. and Busse, C. A., 1992, "Analysis of Heat Transfer Coefficient of Grooved Heat Pipe Evaporator Walls," Int. J. Heat Mass Transf., 35(2), pp. 383-391 |
- |CK ✓ Xu, X. and Carey, V. P., 1990, "Film Evaporation from a Micro-Grooved Surface – An Approximate Heat Transfer Model and Its Comparison with Experimental Data," J. Thermophysics, 4(4), pp. 512-520 |
- |CL ✓ Becker, E. W., Ehrfeld, W., Hagmann, P., Maner, A. and Munchmeyer, D., 1986, "Fabrication of Microstructures with High Aspect Ratios and Great Structural Heights by Synchrotron Radiation Lithography, Galvanoforming and Plastic Moulding (LIGA Process)," Microelectronic Eng., 4, pp. 35-56 |
- |CM Schneider, G. E. and DeVos, R., 1980, "Nondimensional Analysis for the Heat Transport Capability of Axially Grooved Heat Pipes Including Liquid/Vapor Interaction," AIAA Paper No. 80-0214 |
- |CN Haskell, K. H., Vandevender, W. H. and Walton, E. L., 1980, "The SLATEC Mathematical Subroutine Library: SNL Implementation," SAND80-2992, Sandia National Laboratories, Albuquerque, NM |
- |CO Ayyaswamy, P. S., Catton, I., and Edwards, D. K., 1974, "Capillary Flow in Triangular Grooves," ASME J. Appl. Mech., pp. 332-336 |

Examiner:

Date Considered: